

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	24	("20010017649" "20010051766" "20020198439" "20030018280" "20030040685" "20030195415" "3683389" "3971362" "4278077" "4689621" "4741327" "4844076" "5279607" "5604531" "5819736" "5833603" "5853005" "6074349" "6165128" "6240312" "6285897" "6475145" "6584348" "6607301").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/22 09:59
S2	1328651	pH acid reflux	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 12:39
S3	568251	sensor	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 12:39
S4	4020	S2 near3 S3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 12:39
S5	54303	in-vivo (in adj vivo)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 12:40
S6	11	S4 with S5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 12:46
S7	67	glukhovsky.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 12:55
S8	71	Given.asn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 12:55
S9	19	S8 and S2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 13:01
S10	31	S7 and S2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 12:56
S11	10	S9 not S10	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 13:01
S12	22	S10 not S9	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 13:03
S13	1	("5,604,531").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 13:04

## EAST Search History

S14	1979	Heidelberg same (pH or acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 13:05
S15	3	Heidelberg same (pH or acid) same (in?vivo)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 10:18
S16	1	"20020026108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/04 16:45
S17	6162	pH near4 gradient	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 11:10
S18	1	S17 with in?vivo	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 10:26
S19	1851772	internal esophagus GI gastro?intestinal gastrointestinal lumen in?vivo	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 10:27
S20	227	S17 same S19	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 10:28
S21	83	S17 with S19	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 10:28
S22	13	("3682160"   "3739279"   "3791377"   "3971362"   "4399821"   "4844076"   "5193540"   "5697384").PN. OR ("6453199").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 10:31
S23	52	("3411507"   "3911930"   "4981470"   "5109870").PN. OR ("5292344").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 10:33
S24	3871	pH near2 gradient	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/15 14:19
S25	186	S24 same S19	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 11:12
S26	0	S25 not (S20 or S21)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 11:12
S28	104	S25 not S21	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 11:12
S29	5	"3523987"	EPO; DERWENT	OR	OFF	2006/05/16 11:21

## EAST Search History

S30	1845382	in-vivo or (in adj vivo) or internal or esophagus or gastrointestinal or gastro-intestinal or (gastro adj intestinal) or GI	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 17:29
S31	2510926	sensor electrode measur\$3 transducer	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 17:29
S32	245348	gradient	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 17:29
S33	293	S30 with S31 with S32	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 17:29
S34	3974	(Heidelberg or heidelberg).bsum.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 10:23
S35	1799	S34 and pH	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 10:24
S36	0	S35 and 600/clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 10:24
S37	23	S35 and "600".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 10:26
S38	1	("5,604,531").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 10:27
S39	24	Heidelberg adj capsule	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 10:28
S40	16	S39 not S37	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 10:28
S41	628	pH with sensor with (electrode? or color or ISFET or (ion adj selective adj field adj effect adj transistor?))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:17
S42	111	S41 and "600".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:42
S43	33	in?vivo with gradient	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:43
S44	3	S43 same flow	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:42

## EAST Search History

S45	691	(internal with gradient) same flow	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:43
S46	5	(internal with gradient) same flow same sensor?	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 11:44
S47	18	(gradient? same flow same sensor?) and "600".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 13:50
S48	89	(gradient? same flow same measur\$3) and "600".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/17 13:51
S49	3	((("20040176672") or ("20040158138") or ("20030028088")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/22 09:59
S50	2737788	flow gradient	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 12:43
S51	4031812	direction positive negative	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 12:43
S52	321765	S50 near3 S51	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 12:44
S53	1387494	pH acid\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 13:14
S54	1322	S52 with S53	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 13:14
S55	319779	gastrointestinal GI esophagus	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 13:15
S56	276	S52 with S55	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 13:16
S57	12	S56 with S53	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 13:16
S58	1322	S54	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 13:16
S59	12	S56 with S54	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 13:16

## EAST Search History

S60	744	isfet or (ion adj selective adj field adj effect adj transistor\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 15:11
S61	317	S60 with S53	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 15:12
S62	1741979	internal implant\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 15:12
S63	15	S61 same S62	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 15:16
S64	870537	color	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 15:16
S65	71205	S53 with S64	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 15:16
S66	1181	S65 same S62	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 15:17
S67	15	S66 and "600".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 15:17
S68	1	"7052474"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/15 14:19
S69	58	castell.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 14:37
S70	0	castell-donald.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 14:37
S71	2	castell-donald\$3.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 16:07
S72	1391026	pH acid\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 16:07
S73	2940569	flow\$4 gradient	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 16:10
S74	99041	S72 with S73	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 16:11

## EAST Search History

S75	27653	S72 near3 S73	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 16:11
S76	636	S74 and "600".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 16:12
S77	238	S75 and "600".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 16:12
S78	36	(600/350).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/29 10:24
S79	1079	(600/345,361,424).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/29 10:25
S80	7	"808573".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 14:25